

Reviewed	TM6
Recorded	·

WR-35





State of Mest Nicginia

DEPARTMENT OF ENERGY Gil und Gas Zivision

Date 2/3/93					
Operator's					
Well No. 4 /289					
Farm September & States					
API No. 47 - 085 - 5340					

OF WELL OPERATOR'S REPORT							
DRILLING, FRACTURING AND/OR STIMU	LATING, C	R PHYSICAL	L CHANGE				
WEIL TYPE: Oil / Gas / Liquid Injection / Waste Disposal / (If "Gas," Production / Underground Storage / Deep / Shallow /)							
LOCATION: Elevation: 1038 Watershed L	ocust	Run					
District: Grant County Rite	hie	Quadrangle	e Maci	- welun			
		-	***************************************				
ADDRESS Smithauth, W. VA.							
ADDRESS Smithwille, W.VA,	Caşing	Used in	Left	Cement			
DESIGNATED AGENT TOP Drilling	Tubing	Drilling	in Well	fill up Cu. ft.			
ADDRESS Smithville	Size						
SURFACE OWNER West VACO	20-16 Cond.						
ADDRESS PArkers burns							
MINERAL RIGHTS OWNER Many School & Gordon Killer	9 5/8						
ADDRESS	8 5/8		1,063	346 sache			
OIL AND GAS INSPECTOR FOR THIS WORK Somuel	7		1/062	3 . 6 ROCKE			
Hereman ADDRESS	5 1/2						
PERMIT ISSUED 11 5/81							
DRILLING COMMENCED 11/13/81	4 1/2 3						
DRILLING COMPLETED /// 17/81	2						
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used						
	<u>L</u>	1					
GEOLOGICAL TARGET FORMATION Big Thiun		Dept	th 1965 - 2	olo feet			
Depth of completed well 2/9/ feet R			e Tools_				
Water strata depth: Freshfeet;							
Coal seam depths:	Is coal	being mine	ed in the	area? No			
OPEN FLOW DATA							
Producing formation Big Injun	Pay	zone dept	th 1965 -	2010 feet			
Gas: Initial open flow Mcf/d	Oil: Ini	itial open	flow	Bbl/d			
Final open flow Mcf/d	Fir	nal open fi	low	Bbl/d			
Time of open flow between initi	al and fi	inal tests	ho	urs			
Static rock pressurepsig(surface measurement) afterhours shut in							
(If applicable due to multiple completion-							
Second producing formation		y zone dep	th	feet			
Gas: Initial open flow Mcf/d	Oil: In	itial open	flow	Bb1 /d			
Final open flow Mcf/d							
Time of open flow between initi							
Static rock pressure psig(surface measurement) after bours shut in							

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

WELL LOG

				j i	REMARKS
PORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	
Elista	Gray	HArd			and salt water, coal, oil and ga
SINTC Red sock	Red	sett	- <u>0</u>	25	
- PARA	Gray	HArd	25	43	and the second s
5/Ate	Grey	Hour,	105	114	The Minimum and the manager of the second of the second control of
Red rock SAND	rod white	Soft	118	163	Commence of the contract of th
Slate	Grav	Hard Soft	1,53	181	Managadanahankan di di kulan sanci sa antigan manandi a mai maki in kula ni maki maki maki maki maki maki maki mak
			181	2/0	with the second control of the contr
Redrick	red	5004	210	248	
SANA	white	Hind	248	30/ 3/4	
	Gray	dard	301	3/9	
Sand Red rock		<u>itud</u>	314	338	
SIATE	red	Soft	338	370	_
Cand	Groy White	soft Hard	370	405	***************************************
Red rock	red	Soft	1 22	432.	and the second of the second o
Red rock Sinte Red rock	GLAV	\$0 (1) \$0 17 \$0 17	481	448	and the same of th
HEA PACK	<u>rea</u>	Soft	433 481 498	448	Market of the Market of Information (Inc.) is the control of the control of the Market of the Greek of the control of the cont
SInte Red rock	Gray	soft	52 338	538 569	Trades de la compansión
Sinte	Grey	Soft	- 538	364	
Red rock	red	<u>soft</u>	564	701	And the second of the second o
Sand	white	Soft HArd	661	1/0/	
3/Ate	Gray	Soft.	701	7/2	to the control of the complete and the control of t
Red rock	red	soft	747	777	Commence and accommence of the commence of the
Sinte	GrAV	5064	774	794	AND THE RESERVE OF THE PARTY OF
SAND	GrAV	Hand	777	796	The state of the second st
Slate	Gray	s of t	822	851	· · · · · · · · · · · · · · · · · · ·
Red rock	rod	soft	851	880	to the second of
Slate	GrAV		880	922	The state of the s
Red rock	red	Soft	922	945	The state of the s
SIAte	Grav		995	945	resident to a second of the control
SAIR	white	e Hard	967	989	To all the control of the Annual Angus Control of the Control of t
Slate	Gray	Soft	989	1046	State Control of the
sand	GrAV	Hard	1046	1/39	A SOURCE OF THE CONTRACT OF TH
SINTS	GrAY	50ft	1139	1203	Control of the first of the summary
Smod Slate	white	the same of the sa	1203	13/1	Tradesports of the first first first from the first fi
Short	Gray GCAV		[31]	_1/3#1	
Spind Flatc	Grav	Hard Saft	1382	1412	
Sand	Gray Wall Gray	C Hard	14/2	1490	
Slate			1570	1578	Southern register on court of coloures (south a property of the colours) of the colour
Sand Slate	Graj	Bard	1350	1743	AND THE RESIDENCE CONTINUES AND THE RESIDENCE CONTINUES AND A RESIDENCE CONTINUES AND ADDRESS AND ADDR
SAND	Gray	Y Soft	1490 1578 158 1763 1811	1811	A CONTROL OF A CON
Little line	Gra	Hard Hard	1811	1852	P. S. C. Philips contribute graph contribute products and the designation of the philips of the contribute appropriate and the contribute and th
Big Lime	walt	e Hard	1852. 1882 1958	1882	
s and		HArd	1958	1980	E. T. Inca
g g time Fand Slate Sard	Gra Whi	Sett-	2010	2028	Big Toju 1959-2010
S/Atc	(er	te Hard 11 soft	2028	20 46 20 69 20 87	
sand Slate	Gr.	its Hard	2046	2069	
SInte	Gr	AV SAFF	2087	2087	and large of a real content of the property of the content of the
SAND	. wh	Ytc Hard	2117	2140	The state of the s
S/Ate	Gr	ay soft	2148	2148	Name and the same
Sand	wh	He Hard	2166	2/97	TiD, 2/9/
		and a control of the control of the second designation of the control of the cont	~ .	And the same of th	maddle 2191 married and the second a
		colour and the contract of the colour property and the colour and			A tree seems of the second of
					The second of the second secon
					The state of the s
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OF 1: 371

(Attach separate sheets as necessary)

no prod. in DG erod

Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including only encountered in the drilling of a well."

Note:



M011 HU.	H-1284 ·	
Farm S	Sewell & Kibbee	_
API #47	- 085 - 5340	_
Dat e	October 27, 1981	_

STATE OF WEST VIRGINIA OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

NEW TYPE OF A PARTY OF	
WELL TYPE: $0il x / Gas x /$	
(If "Gas", Production X / Und	erground storage / Deep / Shallow X /
LOCATION: Elevation: 1038' Watersh	
District: Grant County:	Ritchie Quadrangle: Macfarlan $7\frac{1}{2}$ '
WELL OPERATOR Haught, Inc.	DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178	Address Smithville, WV 26178
OIL AND GAS	
ROYALTY OWNER Mary Sewell & G. Kibbee Address 1801 Delancey Place	COAL OPERATOR None Address
Philadelphia, Pa. 19103	
Acreage 321	COAL OWNER(S) WITH DEGLARATION ON DECORD
SURFACE OWNER W.V. Pulp & Paper	COAL OWNER(S) WITH DECLARATION ON RECORD:
Address Parkesburg, WV 26101	Address
Acreage 321	NAME
nereage	Address
FIELD SALE (IF MADE) TO:	
NAME <u>Consolidated Gas Supply Corp.</u> Address 445 West <u>Main Street</u>	COAL LESSEE WITH DECLARATION ON RECORD:
Clarksburg, WV 26301	NAMENone
OIL AND GAS INSPECTOR TO BE NOTIFIED:	Address
THE AND GAS THE LEGION TO BE NOTHITED.	न्त्र का शिक्ष का दिन
NAME Deo Mace	
Address Rt. 1 Box 65 Sandridge, WV	NOV - 5 1981
Telephone 655-8693	OIL AND GAS DIVISION
	WV DEPARTMENT OF MINES
Recorded on May 22, 1981, in the of	fice of the Clerk of County Commission of
•	<u>Lease</u> Book at page 346 . A permit is
requested as follows:	
PROPOSED WORK: Drill XX / Drill Deeper	<pre>/ Redrill / Fracture or stimulate / / Perforate new formation /</pre>
Other physical change in	well (specify)
·	ne work order on the reverse side hereof. b), and coal lessee are hereby notified that any
objection they wish to make or are required	d to make by Code \$22-4-3 must be filed with the
	ys after receipt of this Application by the Dept enclosed plat and reclamation plan have been
	nand to the above named coal operator, coal own:
er(s), and coal lessees on or before the da	ay of the mailing or delivery of this Application
to the Department of Mines at Charleston, W	lest Virginia.
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	Hought Too
	Haught, Inc. Well Operator
WEST VIRGINIA OIL AND GAS	n/ nn/ u
CONSERVATION COMMISSION 1613 WASHINGTON ST., E.	
	Y: Warrer R. Hangho
CHARLESTON, WV 25311	By: Warrer R. Haught ts: President

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

AC	TUAL II	NFORMAT	ION MUST	BE S	SUBMIT.	TED ON FO	RM IV-35	UPON COMPLET	ON
DRILLING CO	NTRACT	DR (IF	KNOWN)	Ha	aught	, Inc.			
		Α Α	ddress_	Rt	t. 3	Box 14			
				Sı	mithv:	ille, W	7 26178		
GEOLOGICAL Estimated Approxima Approxima Is coal b	d deptl ate wa: ate coa	h of co ter str al seam	mpleted ata dept depths:	hs:	Fresh	• <u>75</u>	feet;	ry_x/ Cabl	e tools/ feet.
CASING AND	TUBING	PROGRA	м						
CASING OR			CIFICATI	ONS		FOOTAGE	INTERVALS	CEMENT FILL-	PACKERS
TUBING TYPE			Weight		•	For Dril	- Left in	UP OR SACKS	
Conductor	Size	Grade	per ft	New	Used	ling	Well	Cubic ft.	
Conductor Fresh water	0.78	77 77	00#	 	↓			 	Kinds
Coal	0 3/0	K-55	20#	X	 -	200	200	To Surface	
Intermed.			<u> </u>	+	 		 		Sizes
Production	쇼 블	J 55	10.5#	X	 		4500	400 Sacks	Denths sat
Tubing	72	0 //	±0.2π	<u> </u>	1		4,000	400 Sacks	l +
Liners			1	†					Perforations:
									Top Bottom
									İ
			<u> </u>	<u> </u>	<u> </u>				
Pequin 822-4- posed A separation where sought All provinces of the W. Vo.	rea by -8a fro well. urate l fracti t and i displications ing	Form IV- uring on s noted POSTED accordance This numericed be	22-4-12a owner of -2 shall r stimul d as suc AT THE V co with Cho is hereby o parmit shell y 7-12-	not not ating h on VELL SII	(v) i water be req is to the Fo	f applic well or quired fo be part	able, the dwelling u r fracturi of the wo	consent requ	et of the pro- ating a well a permit is
The for coor is to the undersign ocation has rea of the vigned has no	ollowir al less be iss ned com examin well lo	al operance this complies the larions	er must has recthin fif ators propos, the we do with a	orded teen _/ own ed we !!! lo	w A I lear location oposed	plaration lays of r $\frac{V E R}{I \text{ lessee}}$ ation. This beever to be described.	under Codeceipt the / of fill a mine n added to one at the	le §22-4-20, creof: the coal undermap exists we the mine mais location,	any coal owner if the permit er this well which covers the underprovided the rginia Code and
		, 19	•		R				